

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	9	("5473890"   "6058700"   "6167696"   "6293094"   "6314722"   "6318073"   "6341722"   "6378297"   "6637189").PN. OR ("6823664").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 10:47
L9	1766	422/177.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 11:17
L10	794	422/168.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 11:17
L11	106	L9 and L10	US-PGPUB; USPAT	OR	ON	2006/08/09 11:35
L12	10	("5473890" "6058700" "6167696" "6293094" "6314722" "6318073" "6341722" "6378297" "6619035" "6637189").PN.	US-PGPUB; USPAT	OR	ON	2006/08/09 11:35
L15	722	60/299.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 12:24
L16	893	60/301.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 12:24
L17	236	60/302.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 12:24
L18	88	60/304.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 12:24
L19	253	60/282.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/09 13:12
L20	492403	cataly\$5	US-PGPUB; USPAT	OR	ON	2006/08/09 12:24
L21	4	("5750026"   "5260035"   "5212140"   "5709722" ).pn.	US-PGPUB; USPAT	OR	ON	2006/08/09 13:06
L22	93	19 and 20	US-PGPUB; USPAT	OR	ON	2006/08/09 13:12
L27	1440928	Ca Calcium Ba barium Strontium Sr	US-PGPUB; USPAT	OR	ON	2006/08/09 16:09
L28	25807	20 with 27	US-PGPUB; USPAT	OR	ON	2006/08/09 16:09
L29	57120	exhaust and filter	US-PGPUB; USPAT	OR	ON	2006/08/09 16:10
L30	159593	exhaust and gas	US-PGPUB; USPAT	OR	ON	2006/08/09 16:10
L31	2469	28 and (29 or 30)	US-PGPUB; USPAT	OR	ON	2006/08/09 16:11
L32	146	9 and 31	US-PGPUB; USPAT	OR	ON	2006/08/09 16:11

## EAST Search History

S1	16	US-5826425-\$.DID. OR US-6245306-\$.DID. OR US-4671059-\$.DID. OR US-4929581-\$.DID. OR US-5251564-\$.DID. OR US-5497620-\$.DID. OR US-6003303-\$.DID. OR US-6397584-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 15:08
S2	25	("4281512"   "4319453"   "4518395"   "4576617"   "4631076"   "4685291"   "4720972"   "4730454"   "4813233"   "4864821"   "4923484"   "5085049").PN. OR ("5251564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 15:54
S3	1765	422/177.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/07 15:57
S4	207	422/178.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/07 15:55
S5	373020	catalyst	US-PGPUB; USPAT	OR	ON	2006/08/07 15:56
S6	985702	channel channels	US-PGPUB; USPAT	OR	ON	2006/08/07 15:56
S7	847375	filter	US-PGPUB; USPAT	OR	ON	2006/08/07 15:56
S8	14427	S5 and S6 and S7	US-PGPUB; USPAT	OR	ON	2006/08/07 15:57
S9	794	422/168.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/07 15:57
S10	30	S8 and S9	US-PGPUB; USPAT	OR	ON	2006/08/07 16:08
S11	5	("4833883"   "5930995"   "6023929"   "6233926"   "6314722").PN. OR ("6989045"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:03
S12	106	S3 and S9	US-PGPUB; USPAT	OR	ON	2006/08/07 16:08
S13	106	S12 not S11	US-PGPUB; USPAT	OR	ON	2006/08/07 16:08
S14	32	("3647542"   "3885977"   "4127691"   "4363644"   "4364760"   "4416676"   "4417908"   "4420316"   "4428758"   "4451517"   "4758272"   "4800187"   "4985210"   "4992233"   "5078979"   "5125231").PN. OR ("5260035"). URPN.	US-PGPUB; USPAT; USOCR.	OR	ON	2006/08/07 16:32
S16	71260	"422"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09

## EAST Search History

S17	1766	422/177.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S18	373276	catalyst	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S19	986650	channel channels	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S20	848156	filter	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S21	14455	S18 and S19 and S20	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S22	147	S17 and S21	US-PGPUB; USPAT	OR	ON	2006/08/08 12:10
S23	207	422/178.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S24	15	S23 and S21	US-PGPUB; USPAT	OR	ON	2006/08/09 12:23
S25	1034	S16 and S21	US-PGPUB; USPAT	OR	ON	2006/08/08 12:10
S26	881	S25 not S22 not S24	US-PGPUB; USPAT	OR	ON	2006/08/08 13:09
S27	70442	"423"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/08 13:09
S28	643	S21 and S27	US-PGPUB; USPAT	OR	ON	2006/08/08 13:10
S29	607	S28 not S22 not S24	US-PGPUB; USPAT	OR	ON	2006/08/08 13:10
S30	49	("5255511"   "5260035"   "5467594"   "5499501"   "5501073"   "5544482"   "5555724"   "5584177"   "5600949"   "5634331"   "5649421"   "5655362"   "5713198"   "5746989"   "5802845"   "5979157"   "6029441"   "6058700").PN. OR ("6167696"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 17:59